

1631 Rush

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Serial Number: 09/28/717

ENTERED

TECH CENTER 160002000

#8 MD
5/8/00

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Seq6 - converted LeuLeu to IleLeu in (223) position
for positions 15-16

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

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1631

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000
TIME: 19:33:37

Input Set: I281717.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Baxter, John D.
2 Darimont, Beatrice
3 Feng, Weijun
4 Fletterick, Robert J.
5 Kushner, Peter J.
6 Wagner, Richard L.
7 West, Brian
8 Yamamoto, Keith R.
9 <120> TITLE OF INVENTION: METHODS AND COMPOUNDS FOR MODULATING NUCLEAR RECEPTOR
10 COACTIVATOR BINDING
11 <130> FILE REFERENCE: UCAL-253/02US
12 <140> CURRENT APPLICATION NUMBER: US/09/281,717
13 <141> CURRENT FILING DATE: 1999-03-30
14 <150> EARLIER APPLICATION NUMBER: US 60/079,956
15 <151> EARLIER FILING DATE: 1998-03-30
16 <160> NUMBER OF SEQ ID NOS: 51
17 <170> SOFTWARE: PatentIn Ver. 2.1
18 <210> SEQ ID NO 1
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000
TIME: 19:33:37

Input Set: I281717.RAW

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83 <223> OTHER INFORMATION: Leu --> Ala
84 <220> FEATURE:
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87 <223> OTHER INFORMATION: Leu --> Ala
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000
TIME: 19:33:37

Input Set: I281717.RAW

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99  <223> OTHER INFORMATION: IleLeu  --> AlaAla
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117 <221> NAME/KEY: MUTAGEN
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119 <223> OTHER INFORMATION: Leu  --> Phe
120 <220> FEATURE:
121 <221> NAME/KEY: MUTAGEN
122 <222> LOCATION: (20)
123 <223> OTHER INFORMATION: Leu  --> Phe
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128           20             25             30
129   Thr Ala
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137   Leu Asp Lys Asp Asp Thr Lys Asp Ile Gly Leu Pro Glu Ile Thr
138           20             25             30
139 <210> SEQ ID NO 8
140 <211> LENGTH: 34
141 <212> TYPE: PRT
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

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Input Set: I281717.RAW

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157           20           25           30
158      Thr Ala
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161 <212> TYPE: PRT
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167           20           25           30
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176           20           25           30
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186           20           25           30
187      Thr Ala
188 <210> SEQ ID NO 13
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194           1           5           10           15

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000
TIME: 19:33:37

Input Set: I281717.RAW

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204      Leu Gln Leu Leu Thr Cys Ser Ser Glu Asp Arg Gly His Ser Ser Leu
205              20              25              30
206      Thr Asn
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211 <400> SEQUENCE: 15
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215              20              25              30
216      Thr Ala
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225              20              25              30
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233      Leu Gln Leu Leu Thr Cys Ser Ser Asp Asp Arg Gly His Ser Ser Leu
234              20              25              30
235      Thr Asn
236 <210> SEQ ID NO 18
237 <211> LENGTH: 34
238 <212> TYPE: PRT
239 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 18
241      Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
242              1              5              10              15
243      His Lys Leu Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
                20              25              30

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I281717.RAW

Line	Error/Warning	Original Text
27	W "N" or "Xaa" used: Feature required	Leu Xaa Xaa Leu Leu
38	W "N" or "Xaa" used: Feature required	Ile Leu Xaa Xaa Leu Leu
49	W "N" or "Xaa" used: Feature required	Phe Xaa Xaa Leu Trp
60	W "N" or "Xaa" used: Feature required	Phe Xaa Xaa Ala Leu
350	W "N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ser X
352	W "N" or "Xaa" used: Feature required	Xaa Gln Leu Leu Thr Xaa Xaa Xaa Xaa Xaa X
354	W "N" or "Xaa" used: Feature required	Xaa Xaa
408	W "N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa G
410	W "N" or "Xaa" used: Feature required	His Xaa Leu Leu Gln Xaa Xaa Xaa Ser Pro X
412	W "N" or "Xaa" used: Feature required	Xaa Xaa
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448	W "N" or "Xaa" used: Feature required	Arg Tyr Leu Leu Asp Xaa Asp Xaa Xaa Xaa X
450	W "N" or "Xaa" used: Feature required	Xaa Xaa

gihara, N. 8B19

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PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

TIME: 14:02:59

Input Set: I281717.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

Does Not Comply
Corrected Diskette Needed P.S

1 <110> APPLICANT: Baxter, John D.
2 Darimont, Beatrice
3 Feng, Weijun
4 Fletterick, Robert J.
5 Kushner, Peter J.
6 Wagner, Richard L.
7 West, Brian
8 Yamamoto, Keith R.
9 <120> TITLE OF INVENTION: METHODS AND COMPOUNDS FOR MODULATING NUCLEAR RECEPTOR
10 COACTIVATOR BINDING
11 <130> FILE REFERENCE: UCAL-253/02US
12 <140> CURRENT APPLICATION NUMBER: US/09/281,717
13 <141> CURRENT FILING DATE: 1999-03-30
14 <150> EARLIER APPLICATION NUMBER: US 60/079,956
15 <151> EARLIER FILING DATE: 1998-03-30
16 <160> NUMBER OF SEQ ID NOS: 51
17 <170> SOFTWARE: PatentIn Ver. 2.1
18 <210> SEQ ID NO 1
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W-->OK

W-->OK

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

TIME: 14:02:59

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50 1 5
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71 Ala Ser
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

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129 Thr Ala
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PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

TIME: 14:02:59

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186          20          25          30
187      Thr Ala
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PAGE: 5.

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/281,717

DATE: 04/24/2000

TIME: 14:02:59

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205                20                25                30
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214      His Lys Leu Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
215                20                25                30
216      Thr Ala
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224      Leu Leu Asp Arg Asp Asp Pro Ser Asp Val Leu Ala Lys Lys Leu Gln
225                20                25                30
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234                20                25                30
235      Thr Asn
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238 <212> TYPE: PRT
239 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 18
241      Thr Ser Asn Met His Gly Ser Leu Leu Gln Glu Lys His Arg Ile Leu
242      1                5                10                15
243      His Lys Leu Leu Gln Asn Gly Asn Ser Pro Ala Glu Val Ala Lys Ile
244                20                25                30

```

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION US/09/281,717DATE: 04/24/2000
TIME: 14:02:59

Input Set: I281717.RAW

Line	Error/Warning	Original Text
27	W "N" or "Xaa" used: Feature required	Leu Xaa Xaa Leu Leu
38	W "N" or "Xaa" used: Feature required	Ile Leu Xaa Xaa Leu Leu
49	W "N" or "Xaa" used: Feature required	Phe Xaa Xaa Leu Trp
60	W "N" or "Xaa" used: Feature required	Phe Xaa Xaa Ala Leu
350	W "N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ser X
352	W "N" or "Xaa" used: Feature required	Xaa Gln Leu Leu Thr Xaa Xaa Xaa Xaa Xaa X
354	W "N" or "Xaa" used: Feature required	Xaa Xaa
408	W "N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa G
410	W "N" or "Xaa" used: Feature required	His Xaa Leu Leu Gln Xaa Xaa Xaa Ser Pro X
412	W "N" or "Xaa" used: Feature required	Xaa Xaa
446	W "N" or "Xaa" used: Feature required	Glu Xaa Xaa Xaa Xaa Lys Lys Lys Glu Xaa X
448	W "N" or "Xaa" used: Feature required	Arg Tyr Leu Leu Asp Xaa Asp Xaa Xaa Xaa X
450	W "N" or "Xaa" used: Feature required	Xaa Xaa